

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/013,077ADATE: 11/26/1999
TIME: 23:41:56

INPUT SET: S34037.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: REID, ROBERT H.
6 SADEGH-NASSERI, SCHEHERAZADE
7 WOLFF, MARCIA
8 NAUSS, JEFFREY L.
9
10 (ii) TITLE OF INVENTION: MODEL FOR TESTING IMMUNOGENICITY OF PEPTIDES
11
12 (iii) NUMBER OF SEQUENCES: 15
13
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: WERTEN BELLAMY, ESQ., OFFICE OF JUDGE
16 ADVOCATE GENERAL, ARMY
17 (B) STREET: 901 NORTH STUART STREET
18 (C) CITY: ARLINGTON
19 (D) STATE: VA
20 (E) COUNTRY: USA
21 (F) ZIP: 22203
22
23 (v) COMPUTER READABLE FORM:
24 (A) MEDIUM TYPE: Floppy disk
25 (B) COMPUTER: IBM PC compatible
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27 (D) SOFTWARE: Patentln Release #1.0, Version #1.25
28
29 (vi) CURRENT APPLICATION DATA:
30 (A) APPLICATION NUMBER: US 09/013,077
31 (B) FILING DATE: 26-JANUARY-1999
32 (C) CLASSIFICATION:
33
34 (vii) PRIOR APPLICATION DATA:
35 (A) APPLICATION NUMBER: US 08/247,884
36 (B) FILING DATE: 23-MAY-1994
37
38 (viii) ATTORNEY/AGENT INFORMATION:
39 (A) NAME: BELLAMY, NASH, CAROLINE M.
40 (B) REGISTRATION NUMEER: 36,329
41 (C) REFERENCE/DOCKET NUMBER: ARMY 110
42
43 (ix) TELECOMMUNICATION INFORMATION:
44 (A) TELEPHONE: (301) 924-9500
45 (B) TELEFAX: (301) 924-5883
46

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47
48 (2) INFORMATION FOR SEQ ID NO:1:
49
50 (i) SEQUENCE CHARACTERISTICS:
51 (A) LENGTH: 13 amino acids
52 (B) TYPE: amino acid
53 (C) STRANDEDNESS: single
54 (D) TOPOLOGY: linear
55
56 (ii) MOLECULE TYPE: peptide
57 (iii) HYPOTHETICAL: NO
58
59 (iv) ANTI-SENSE: NO
60
61 (v) FRAGMENT TYPE: internal
62
63
64
65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
66
67 Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr
68 1 5 10
69
70 (2) INFORMATION FOR SEQ ID NO:2:
71
72 (i) SEQUENCE CHARACTERISTICS:
73 (A) LENGTH: 12 amino acids
74 (B) TYPE: amino acid
75 (C) STRANDEDNESS: single
76 (D) TOPOLOGY: linear
77
78 (ii) MOLECULE TYPE: peptide
79 (iii) HYPOTHETICAL: NO
80 (iv) ANTI-SENSE: NO
81
82 (v) FRAGMENT TYPE: internal
83
84
85
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
87
88 Ala Ala Tyr Ala Ala Ala Ala Ala Lys Ala Ala
89 1 5 10
90
91 (2) INFORMATION FOR SEQ ID NO:3:
92
93 (i) SEQUENCE CHARACTERISTICS:
94 (A) LENGTH: 16 amino acids
95 (B) TYPE: amino acid
96 (C) STRANDEDNESS: single
97 (D) TOPOLOGY: linear
98
99 (ii) MOLECULE TYPE: peptide

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100 (iii) HYPOTHETICAL: NO
101 (iv) ANTI-SENSE: NO
102
103 (v) FRAGMENT TYPE: internal
104
105
106
107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
108
109 Ser Lys Asn Gly Thr Val Thr Trp Ala His Glu Thr Asn Asn Ser Ala
110 1 5 10 15
111
112 (2) INFORMATION FOR SEQ ID NO:4:
113
114 (i) SEQUENCE CHARACTERISTICS:
115 (A) LENGTH: 13 amino acids
116 (B) TYPE: amino acid
117 (C) STRANDEDNESS: single
118 (D) TOPOLOGY: linear
119
120 (ii) MOLECULE TYPE: peptide
121 (iii) HYPOTHETICAL: NO
122
123 (iv) ANTI-SENSE: NO
124
125 (v) FRAGMENT TYPE: internal
126
127
128
129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
130 Val Gly Lys Asn Ile Thr Val Thr Ala Ser Val Asp Pro
131 1 5 10
132 (2) INFORMATION FOR SEQ ID NO:5:
133
134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 13 amino acids
136 (B) TYPE: amino acid
137 (C) STRANDEDNESS: single
138 (D) TOPOLOGY: linear
139
140 (ii) MOLECULE TYPE: peptide
141 (iii) HYPOTHETICAL: NO
142 (iv) ANTI-SENSE: NO
143
144 (v) FRAGMENT TYPE: internal
145
146
147
148 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
149
150 Asp Glu Tyr Gly Leu Gly Arg Leu Val Asn Thr Ala Asp
151 1 5 10
152

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153 (2) INFORMATION FOR SEQ ID NO:6:
154
155 (i) SEQUENCE CHARACTERISTICS:
156 (A) LENGTH: 13 amino acids
157 (B) TYPE: amino acid
158 (C) STRANDEDNESS: single
159 (D) TOPOLOGY: linear
160
161 (ii) MOLECULE TYPE: peptide
162 (iii) HYPOTHETICAL: NO
163 (iv) ANTI-SENSE: NO
164
165 (v) FRAGMENT TYPE: internal
166
167
168
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
170
171 Ile Ile Tyr Gln Ile Val Asp Glu Lys Gly Lys Lys Lys
172 1 5 10
173
174 (2) INFORMATION FOR SEQ ID NO:7:
175
176 (i) SEQUENCE CHARACTERISTICS:
177 (A) LENGTH: 13 amino acids
178 (B) TYPE: amino acid
179 (C) STRANDEDNESS: single
180 (D) TOPOLOGY: linear
181
182 (ii) MOLECULE TYPE: peptide
183 (iii) HYPOTHETICAL: NO
184 (iv) ANTI-SENSE: NO
185
186 (v) FRAGMENT TYPE: internal
187
188
189
190
191 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
192
193 Leu Asn Tyr Thr Ser Gly Glu Lys Lys Ile Ser Pro Gly
194 1 5 10
195
196 (2) INFORMATION FOR SEQ ID NO:8:
197
198 (i) SEQUENCE CHARACTERISTICS:
199 (A) LENGTH: 13 amino acids
200 (B) TYPE: amino acid
201 (C) STRANDEDNESS: single
202 (D) TOPOLOGY: linear
203
204 (ii) MOLECULE TYPE: peptide
205 (iii) HYPOTHETICAL: NO

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206 (iv) ANTI-SENSE: NO
207
208 (v) FRAGMENT TYPE: internal
209
210
211
212 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
213
214 Trp Gln Tyr Lys Ser Leu Asp Val Asn Val Asn Ile Glu
215 1 5 10
216
217 (2) INFORMATION FOR SEQ ID NO:9:
218
219 (i) SEQUENCE CHARACTERISTICS:
220 (A) LENGTH: 13 amino acids
221 (B) TYPE: amino acid
222 (C) STRANDEDNESS: single
223 (D) TOPOLOGY: linear
224
225 (ii) MOLECULE TYPE: peptide
226 (iii) HYPOTHETICAL: NO
227 (iv) ANTI-SENSE: NO
228
229 (v) FRAGMENT TYPE: internal
230
231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
232
233 Gln Leu Tyr Thr Val Glu Met Thr Ile Pro Ala Gly Val
234 1 5 10
235
236 (2) INFORMATION FOR SEQ ID NO:10:
237
238 (i) SEQUENCE CHARACTERISTICS:
239 (A) LENGTH: 13 amino acids
240 (B) TYPE: amino acid
241 (C) STRANDEDNESS: single
242 (D) TOPOLOGY: linear
243
244 (ii) MOLECULE TYPE: peptide
245 (iii) HYPOTHETICAL: NO
246 (iv) ANTI-SENSE: NO
247
248 (v) FRAGMENT TYPE: internal
249
250
251 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
252
253 Thr Ser Tyr Thr Phe Ser Ala Ile Tyr Thr Gly Gly Glu
254 1 5 10
255
256 (2) INFORMATION FOR SEQ ID NO:11:
257
258 (i) SEQUENCE CHARACTERISTICS:

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/013,077A

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Original Text